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**Department of MCA**

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| **Question Bank: CAE-II** | |
| Academic Year: 2024-25 | |
| Class: FYMCA A & B | Semester: II |
| Subject: **Advanced Web Technologies** | Subject Code: MCANL207 |

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| **Sr. No.** | **Questions** | **CO** | **BL** |
| 1 | Explain the various Head tag in HTML with example. | CO1 | L2 |
| 2 | Construct a program using HTML with following CSS specifications-  a) To create form to accept name, age, email address, from the user. b) Create a submit button to send the data. c) The heading of the form should have a background color. | CO1 | L3 |
| 3 | Apply Use of Audio and Video tag on web pages using HTML.  The code must incorporate the list of sound file formats  (like wav, MP3, ogg) and video file formats (like webM, MP4) | CO1 | L3 |
| 4 | Illustrate Html5 code with CSS as follows-  a) Create ordered list with names of tourist Cities. b) Create unordered list with tourist places of those cities. c) Divide the list into two sections left and right by using CSS. | CO1 | L3 |
| 5 | Compare JavaScript Block Scope vs. Function Scope | CO2 | L2 |
| 6 | Differentiate between var, let and const. | CO2 | L3 |
| 7 | Classify Data Type in JavaScript with its example. | CO2 | L3 |
| 8 | Explain any two operators in JavaScript with example. | CO2 | L2 |
| 9 | Apply a JavaScript in program to accept two numbers and perform addition of two numbers by using mouseover event. | CO2 | L3 |
| 10 | Clarify the similarities between Client-side Scripting and Server-side Scripting? | CO2 | L2 |
| 11 | Differentiate between Angular and AngularJS | CO3 | L3 |
| 12 | Explain the data binding process in AngularJS. | CO3 | L2 |
| 13 | Discuss integrating AngularJS with HTML. | CO3 | L2 |
| 14 | Elaborate AngularJS and what are its key features. | CO3 | L2 |
| 15 | Explain the difference between an attribute directive and a structural directive in AngularJS. | CO3 | L2 |
| 16 | Demonstrate how to bind a model to a checkbox in AngularJS and retrieve its value. | CO3 | L3 |
| 17 | Describe how a traditional web server handles multiple incoming requests compared to Node.js. | CO4 | L2 |
| 18 | Identify the Node.js process model? | CO4 | L1 |
| 19 | Compare the traditional web server model, and how does it differ from Node.js? | CO4 | L2 |
| 20 | Demonstrate how Node.js would handle a simple HTTP request and response compared to a traditional web server. | CO4 | L3 |

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**Subject Teacher HOD**